

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:..... Breakthru MDC
PRODUCT TYPE:..... Alkaline liquid cleaning compound
PRODUCT NUMBER:..... BT004XXX (Last 3 characters vary with the packaging)
CONTROL NUMBER:..... B5004XXX

COMPANY:..... **Simoniz USA, Inc.**
201 Boston Turnpike
Bolton, CT 06043
1-800-227-5536
www.simoniz.com

EMERGENCY PHONE: (800) 255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:Skin Corrosion (1B) Serious Eye Damage (1)
Acute Toxicity, Oral (5)

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Causes severe skin burns and eye damage. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

PREVENTION:..... Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. Get medical help. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see First AID Section). IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get emergency medical help.

STORAGE: Store locked up.

DISPOSAL:..... Dispose of container and contents in accordance with local regulations.

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3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Sodium Hydroxide	1310-73-2
Potassium Hydroxide	1310-58-3
Tetrasodium Iminidissuccinate	144538-83-0
Tetrapotassium Pyrophosphate	7320-34-5

Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

4 – FIRST-AID MEASURES

BREATHING (INHALATION): ... Maintain adequate ventilation in work area. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist, get immediate medical attention!

SWALLOWING (INGESTION): . DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and get immediate emergency medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

SKIN (DERMAL): Immediately flush from skin and clothing with large amounts of fresh water for several minutes. If burns occur or irritation persists, get immediate medical attention! Wash contaminated clothing before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT: This product is non-flammable.

EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

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7 – HANDLING and STORAGE

STORAGE: Store in a cool, well ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container. Store locked up.

HANDLING: Wear eye and hand protection if product is likely to splash. Do NOT transfer this product in an unmarked container. Spilled material is slippery. Keep away from children!

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles. Wear protective outerwear and boots when product is likely to splash on lower extremities.

ADDITIONAL MEASURES: Under normal use according to label instructions, special protection should not be necessary. Wear eye and hand protection if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Sodium Hydroxide	1310-73-2	2 mg/m ³
Potassium Hydroxide	1310-58-3	NIOSH: 2 mg/m ³ (C)
Tetrasodium Iminidissuccinate	144538-83-0	No limits established
Tetrapotassium Pyrophosphate	7320-34-5	NIOSH: 5mg/m ³

*When OSHA 8-hour (TWA); 15-minute (STEL); and 15-minute (C) PEL values are not established, NIOSH REL or ACGIH TLV[®] values will be shown and indicated as such.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Light red transparent liquid, no significant odor.

ODOR THRESHOLD: N/A

pH: 13.8 – 14.0

MELTING POINT: N/A

FREEZING POINT: N/A

BOILING POINT: 210 degrees F.

BOILING POINT RANGE: N/A

FLASHPOINT: This product is non-flammable.

EVAPORATION RATE: N/A

FLAMMABILITY (solid/gas): N/A

EXPLOSION LIMITS: N/A

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: Greater than 1.

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

AUTO-IGNITION TEMPERATURE: N/A

DECOMPOSITION TEMPERATURE: N/A

VISCOSITY: Water thin

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10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.
HAZARDOUS DECOMP.: This product not known to polymerize.
INCOMPATIBILITY: Do not mix with acids or other detergents.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Inhalation. Absorption through skin and eyes. Ingestion.
LISTED CARCINOGEN: None over 0.1%.
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.
INHALATION: Avoid exposure to mist, vapor and spray. Inhaling significant amounts of this product may cause irritation or damage to the respiratory tract.
INGESTION: This product may be harmful if swallowed and can cause irritation, burns or other damage to mouth, esophagus and stomach.
EYES: This product can cause serious eye irritation, burns, blindness or other permanent damage if not immediately flushed from eyes.
SKIN (DERMAL): This product can cause serious irritation, redness and burns if not immediately flushed from the skin.
ACUTE TOXICITY* (ORAL): >4,576.53 mg/kg
ACUTE TOXICITY* (DERMAL): >5,000 mg/kg
ACUTE TOXICITY* (INHALATION): >20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

DOT:
PROPER SHIPPING NAME: Compounds, cleaning liquid (contains Sodium hydroxide and Potassium hydroxide)
HAZARD CLASS: 8
UN/NA NUMBER: NA 1760
PACKAGING GROUP: II

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IMDG CODE:

PROPER SHIPPING NAME:..... Corrosive liquids, n.o.s. (contains Sodium hydroxide and Potassium hydroxide)

HAZARD CLASS:..... 8

UN/NA NUMBER: UN 1760

PACKAGING GROUP : II

15 – REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

16 – OTHER INFORMATION

NFPA HEALTH:..... 3

NFPA FLAMMABILITY:..... 0

NFPA REACTIVITY: 0

NFPA OTHER:..... Alkali

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE: 11/10/2023